Comparisons of Job Characteristics

Focus Occupation: Instructional Coordinators (25-9031)
Associated Occupation: Computer Science Teachers, Postsecondary (25-1021)

Compare Knowledge
Compare Skills
Compare Abilities
Compare Detailed Work Activities
Compare Tools and Technologies

<<	Focus occupation element is much lower
<	Focus occupation element is lower
0	Focus occupation element is at a similar level
>	Focus occupation element is at a higher level
>>	Focus occupation element is at a much higher level

Knowledge — Similarity of Focus Occupation to Associated Occupation: 72

Focus Occupation: Instructional Coordinators (25-9031)
Associated Occupation: Computer Science Teachers, Postsecondary (25-1021)

Associated Occupation's Key Knowledge Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating	Evaluation of Focus Occupation	
Computers and Electronics	8.4	22.6	12.3	<<	Extensive education and/or training may be required
Education and Training	9.2	21.7	24.6	>>	Current knowledge level is likely more than sufficient
English Language	11.2	18.2	20.8	>	Current knowledge level is likely sufficient
Mathematics	9.2	16.5	14.2	<	Expanded education and/or training may be required
Telecommunications	3.9	11.7	4.5	<<	Extensive education and/or training may be required
Communications and Media	5.3	9.6	11.3	>	Current knowledge level is likely sufficient

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Skills — Similarity of Focus Occupation to Associated Occupation: 90

Focus Occupation: Instructional Coordinators (25-9031)
Associated Occupation: Computer Science Teachers, Postsecondary (25-1021)

Associated Occupation's Key Skills Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating	Evaluation of Focus Occupation	
Speaking	10.8	17.4	15.1	<	A higher skill level may be required
Reading Comprehension	10.7	16.2	16.2	0	Current skill level may be sufficient
Instructing	7.8	15.1	13.2	<	A higher skill level may be required
Writing	9.2	15.1	14.6	0	Current skill level may be sufficient
Active Learning	8.7	14.1	13.6	0	Current skill level may be sufficient
Critical Thinking	10.8	14.1	12.8	<	A higher skill level may be required
Learning Strategies	7.2	13.5	15.2	>	Skill level is likely sufficient

Complex Problem Solving	9.1	12.6	11.9	0	Current skill level may be sufficient
Time Management	8.9	11.9	12.8	0	Current skill level may be sufficient
Systems Analysis	6.5	10.7	10.1	0	Current skill level may be sufficient
Programming	2.2	5.8	1.9	<<	Extensive development of skills in this area may be required

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Abilities — Similarity of Focus Occupation to Associated Occupation: 94

Focus Occupation: Instructional Coordinators (25-9031)
Associated Occupation: Computer Science Teachers, Postsecondary (25-1021)

Associated Occupation's Key Abilities Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating		Evaluation of Focus Occupation
Oral Expression	12.4	18.9	15.7	<	Some improvement in abilities may be required
Speech Clarity	10.2	17.5	12.9	<<	Extensive improvement in abilities may be required
Written Comprehension	11.0	16.7	17.0	0	Current ability level may be sufficient
Oral Comprehension	12.5	16.5	15.7	0	Current ability level may be sufficient
Written Expression	9.8	14.9	15.4	0	Current ability level may be sufficient
Deductive Reasoning	10.6	14.5	12.9	<	Some improvement in abilities may be required
Inductive Reasoning	10.2	13.5	12.8	0	Current ability level may be sufficient
Information Ordering	9.9	12.1	12.2	0	Current ability level may be sufficient
Memorization	5.6	7.8	8.9	>	Current ability level is likely sufficient

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Activities that Both Occupations Have in Common — Similarity of Focus Occupation to Associated Occupation: 68

Focus Occupation: Instructional Coordinators (25-9031)
Associated Occupation: Computer Science Teachers, Postsecondary (25-1021)

Work Activities	Exclusivity of Activity
Advise students	49
Conduct research on work-related topics	44
Convert information into instructional program	38
Develop course or training objectives	42
Develop instructional materials	38
Organize educational material or ideas	41
Use oral or written communication techniques	1
Use public speaking techniques	13
Use teaching techniques	29

Write research or project grant proposals		33

Not all positions in these occupations will necessarily perform all of the listed activities. The exclusivity rating is an indication of how unique the activity is amongst all occupations. The maximum rating is 100. High scores indicate that only a small number of occupations engage in that activity.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Tools and Technologies that Both Occupations Have in Common	Similarity of Focus Occupation to Associated Occupation: n/a

Focus Occupation: Instructional Coordinators (25-9031)
Associated Occupation: Computer Science Teachers, Postsecondary (25-1021)

Tools and Technologies	Exclusivity
Tools and technology data is unavailable for one or both occupations.	

Not all positions in these occupations will necessarily use all of the listed tools and technologies. The exclusivity rating is an indication of how unique the tool or technology is amongst all occupations. The maximum rating is 100. High scores indicate that only a small number of occupations use that tool or technology.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.